

FIG. 1

FIG. 3.

EXAMPLE OF HEADER OF SUPERPACKET (EXAMPLE FOR IPv4)

| | | | | |
|--|----------|-----------------|-----------------|--|
| VERSION | IHL | SERVICE TYPE | TOTAL LENGTH | |
| IDENTIFIER (ID) | | FLAG | FRAGMENT OFFSET | |
| TIME TO LIVE (TTL) | PROTOCOL | HEADER CHECKSUM | | |
| TRANSMISSION-SOURCE ADDRESS (DESCRIBING TRANSMISSION-SOURCE EDGE ROUTER ADDRESS) | | | | |
| DESTINATION ADDRESS (DESCRIBING DESTINATION EDGE ROUTER ADDRESS) | | | | |
| OPTION | | | PADDING | |

FIG. 4

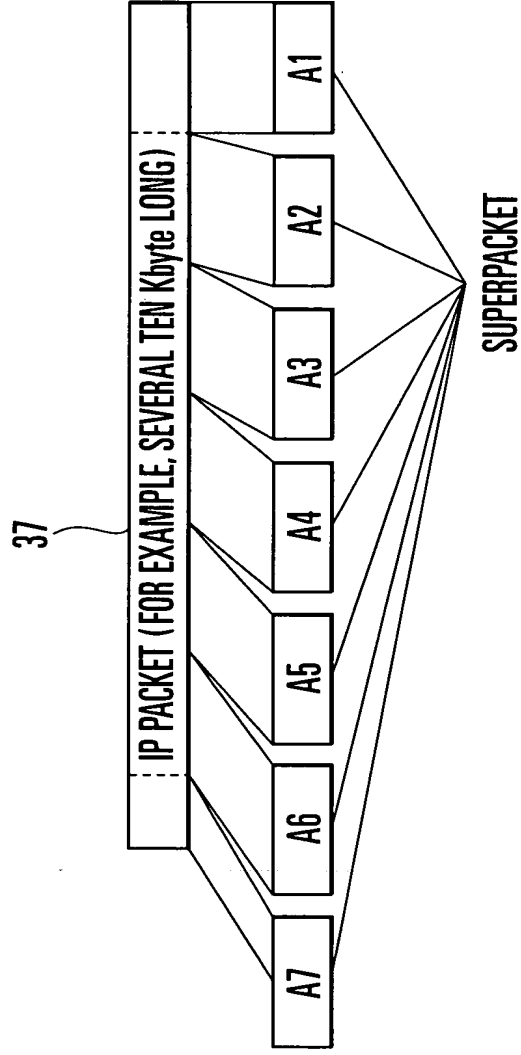


FIG. 6

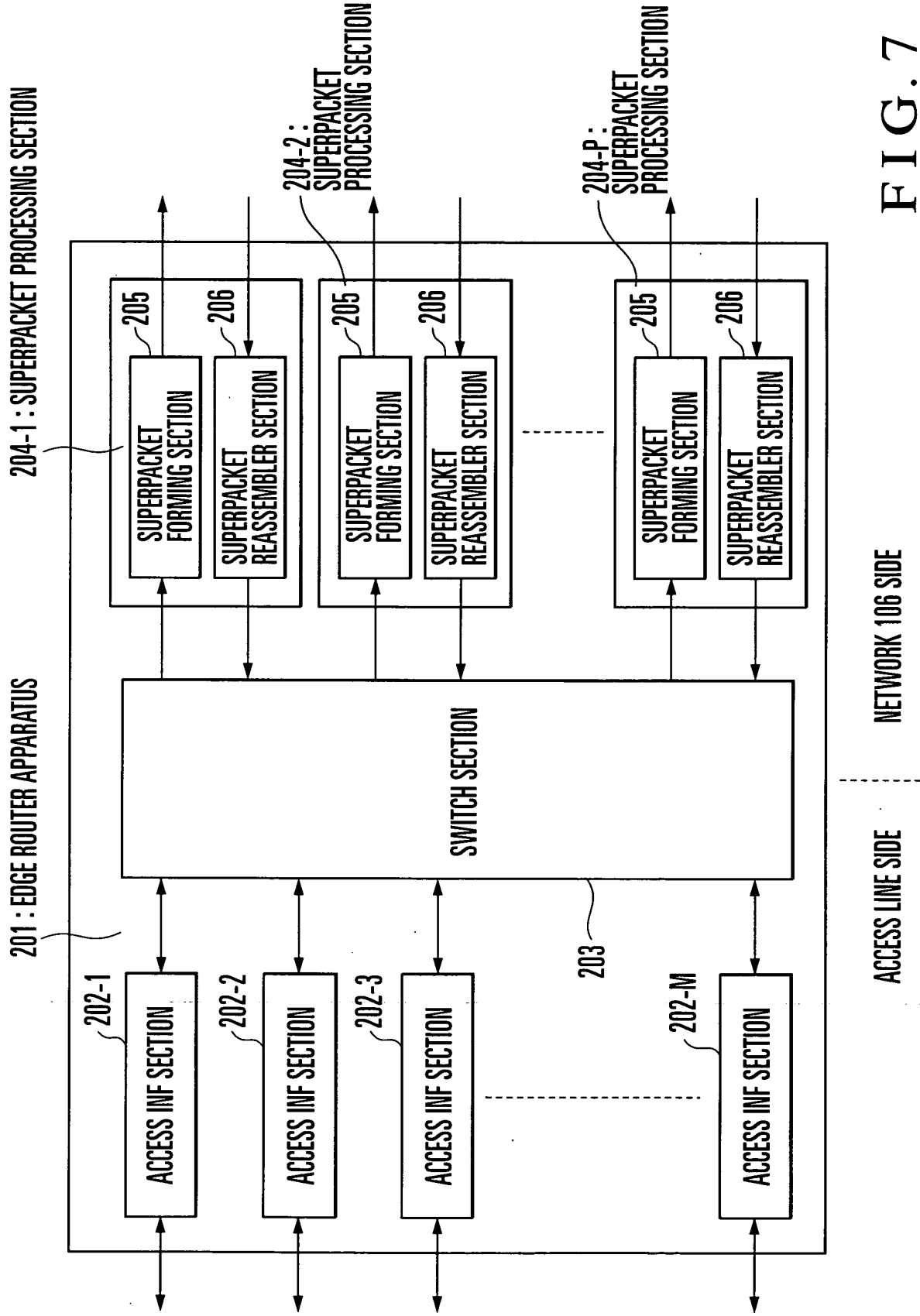


FIG. 7

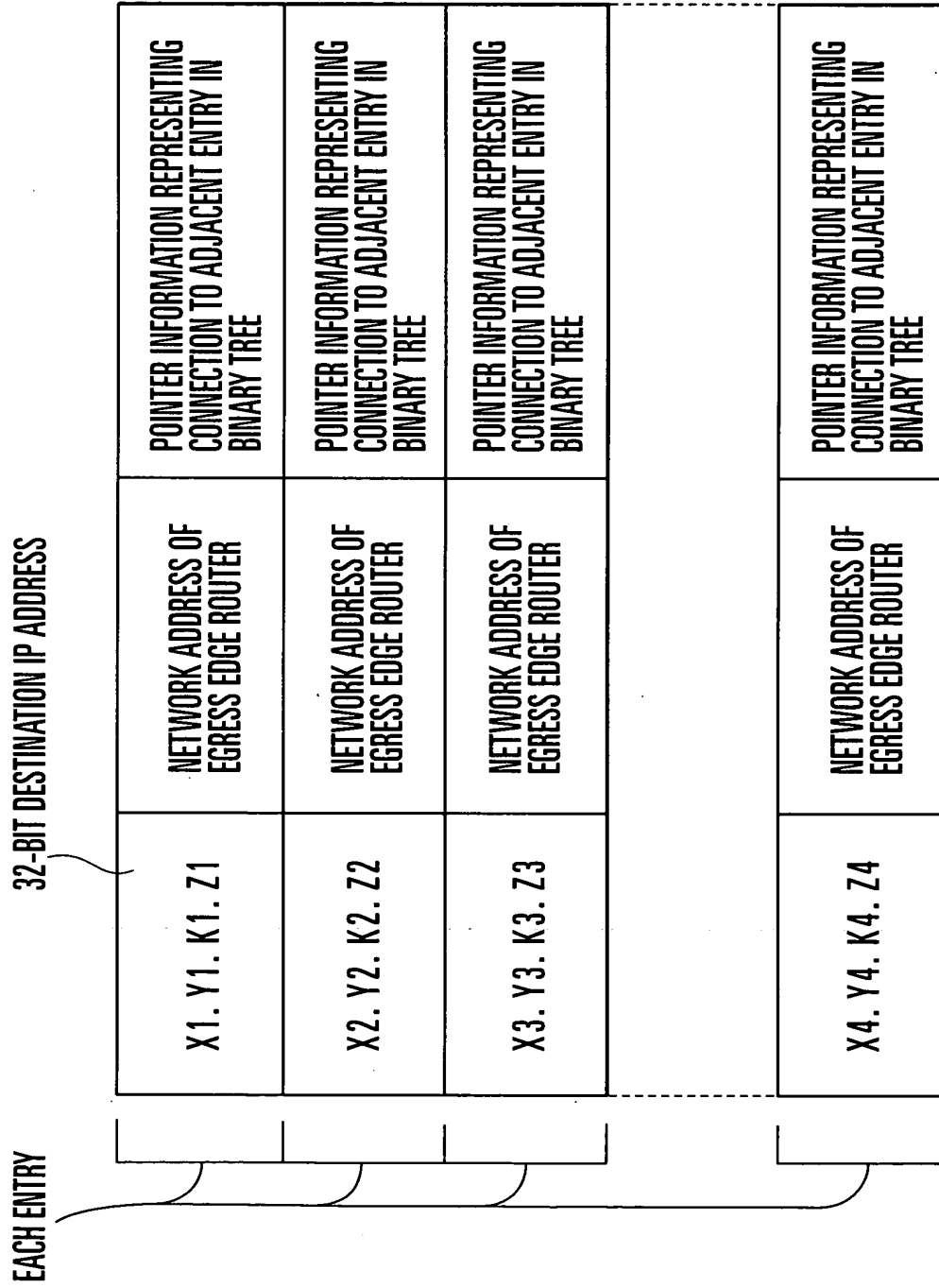


FIG. 9

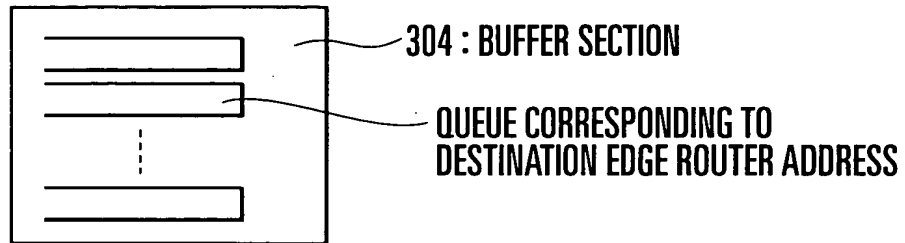


FIG. 10

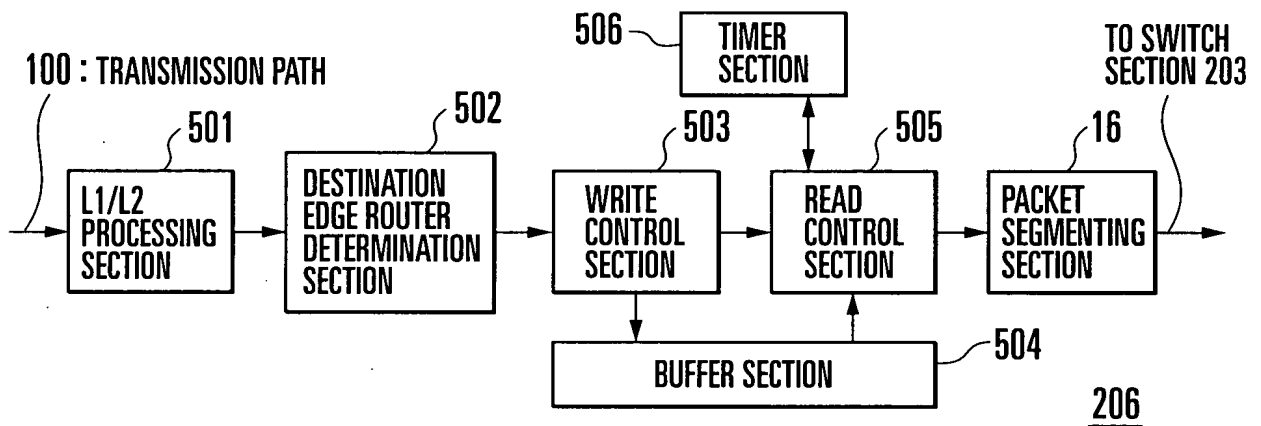


FIG. 11

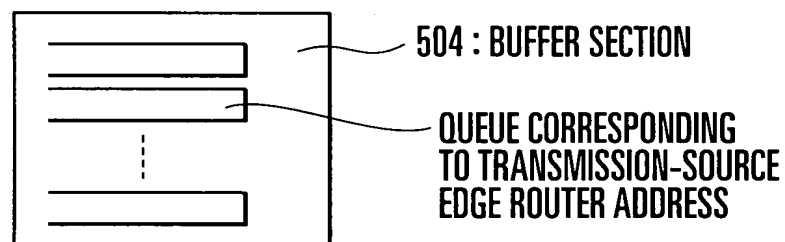
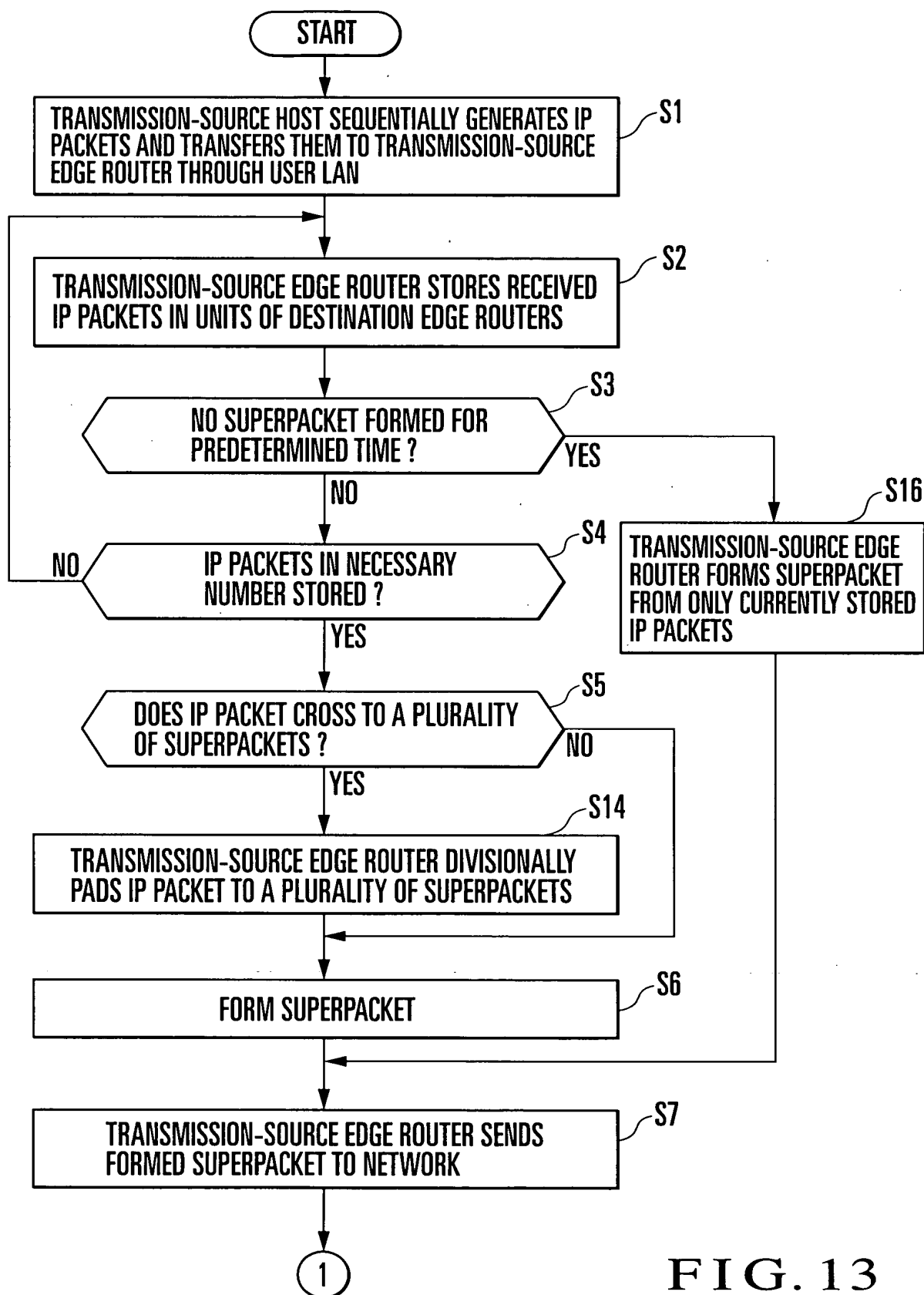


FIG. 12



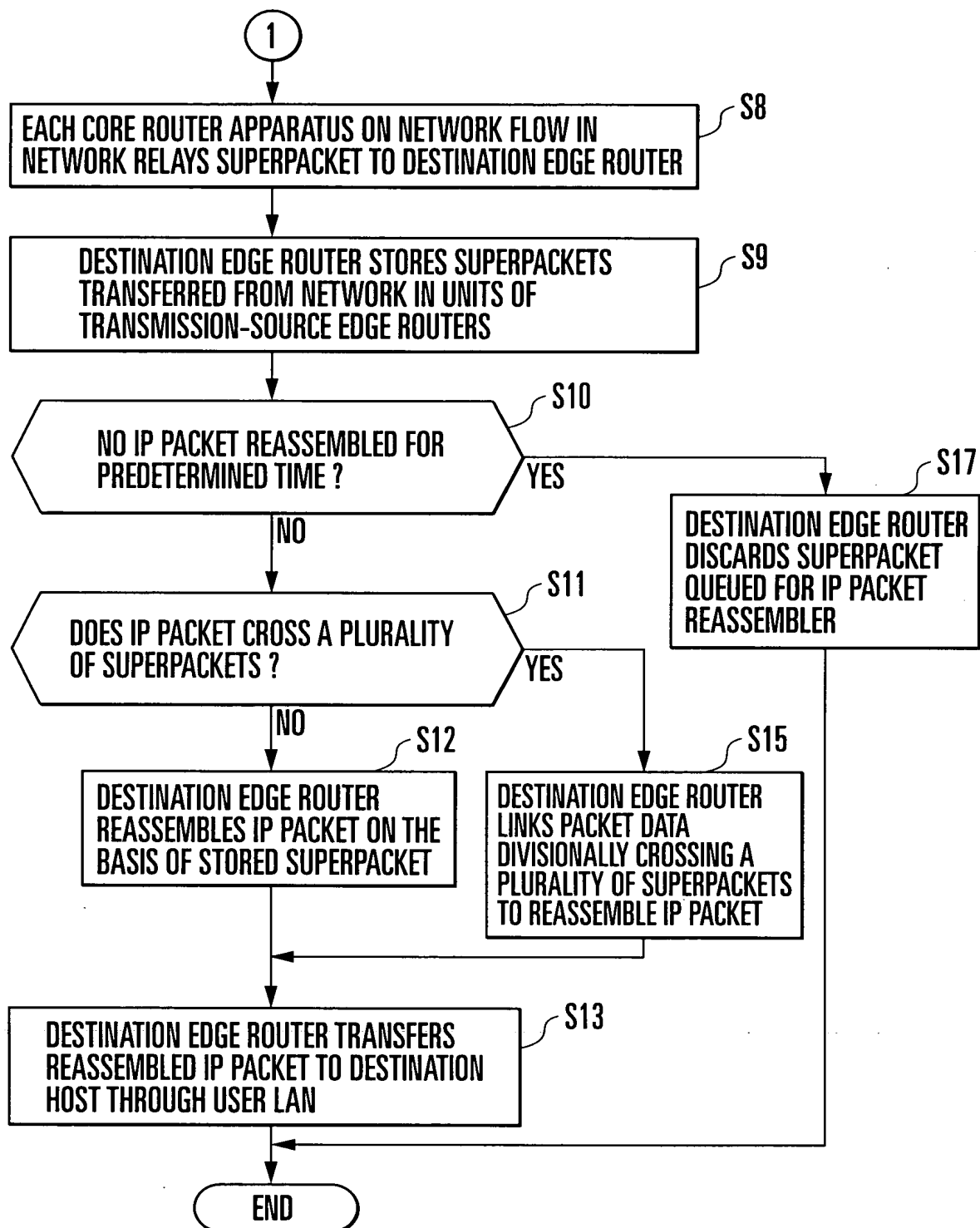


FIG. 14

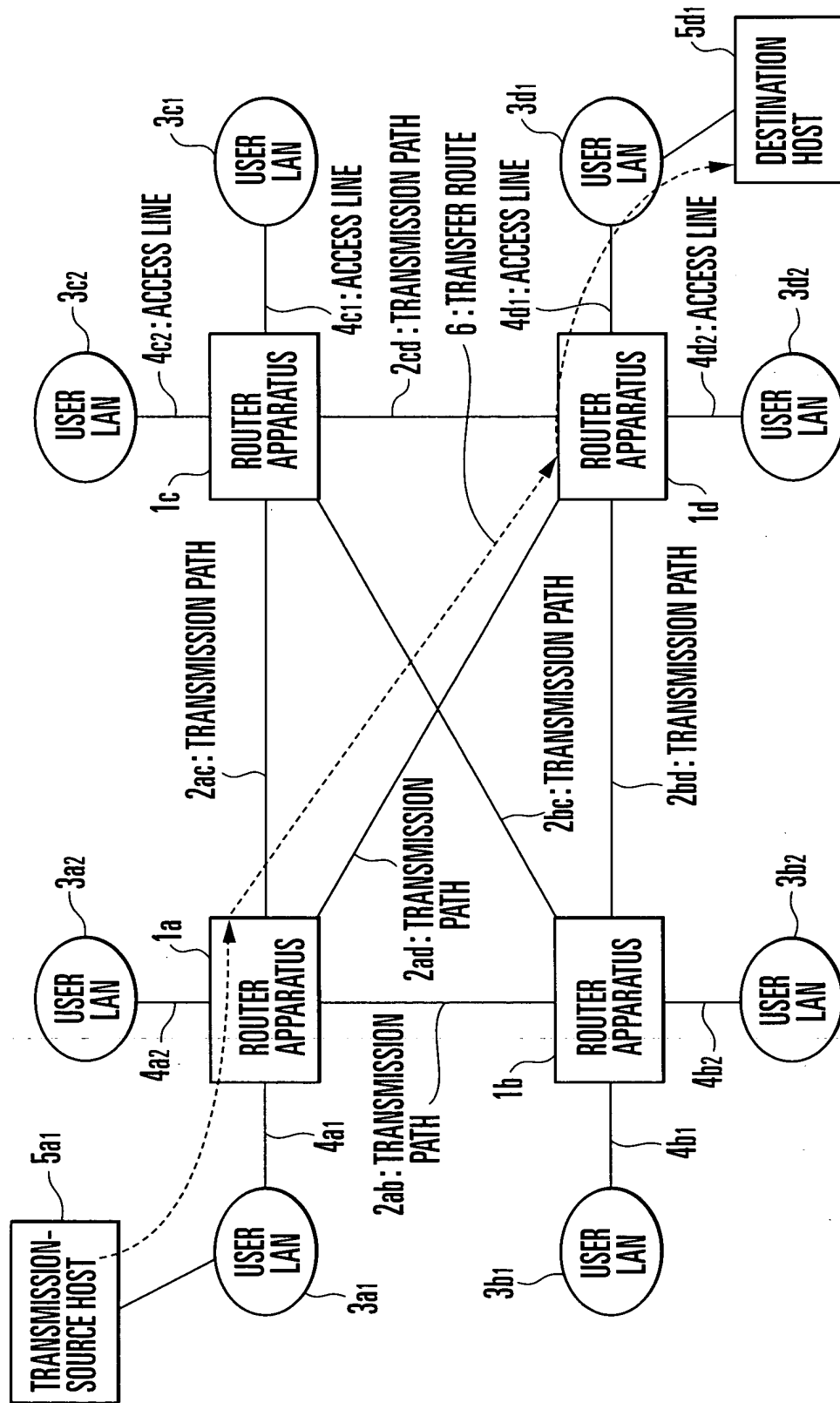


FIG. 15
PRIOR ART

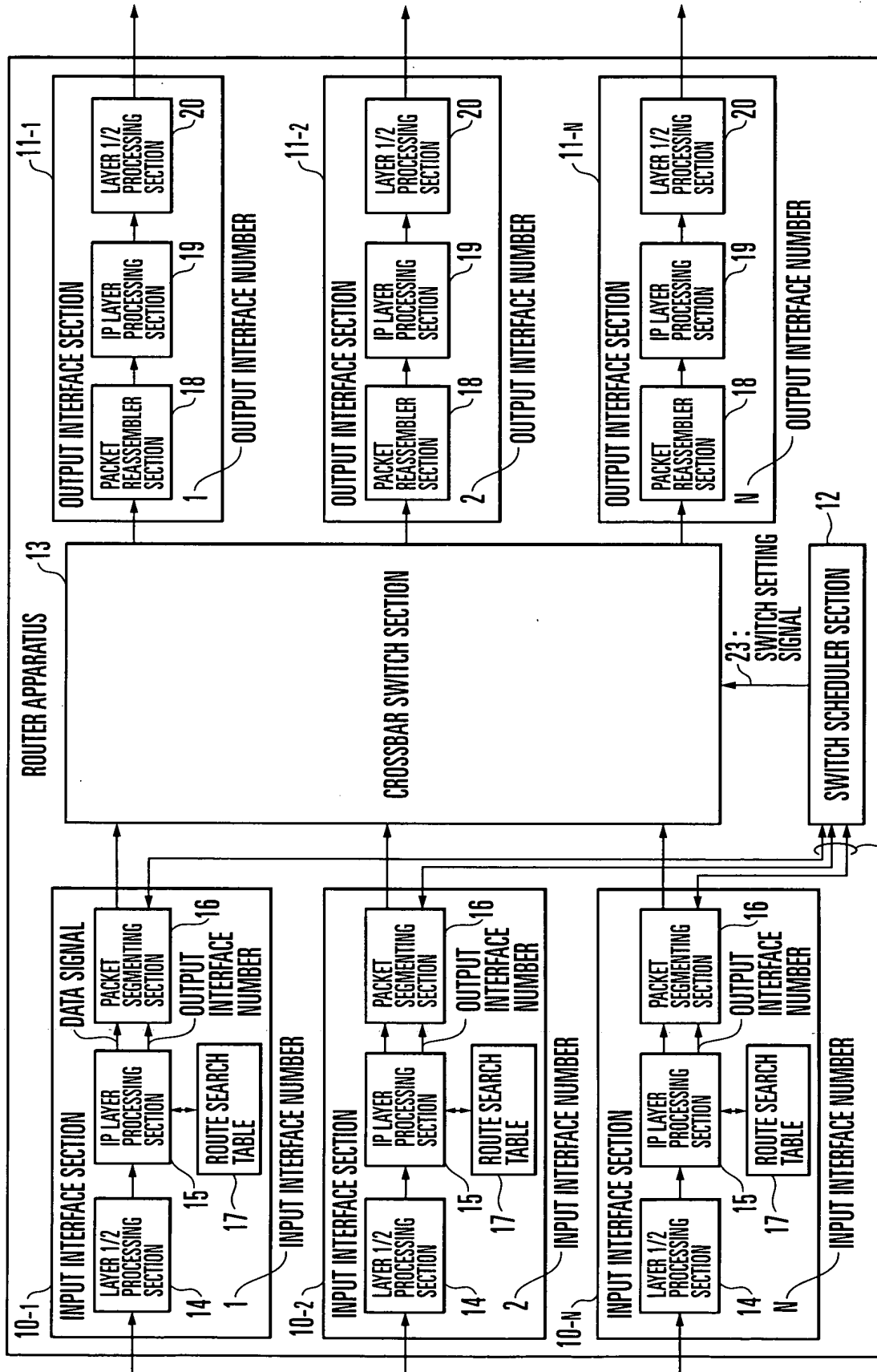


FIG. 16
PRIOR ART

21: TRANSFER REQUEST SIGNAL (PACKET SEGMENTING SECTION → SWITCH SCHEDULER SECTION)
22: TRANSFER REPLY SIGNAL (PACKET SCHEDULER SECTION → PACKET SEGMENTING SECTION)

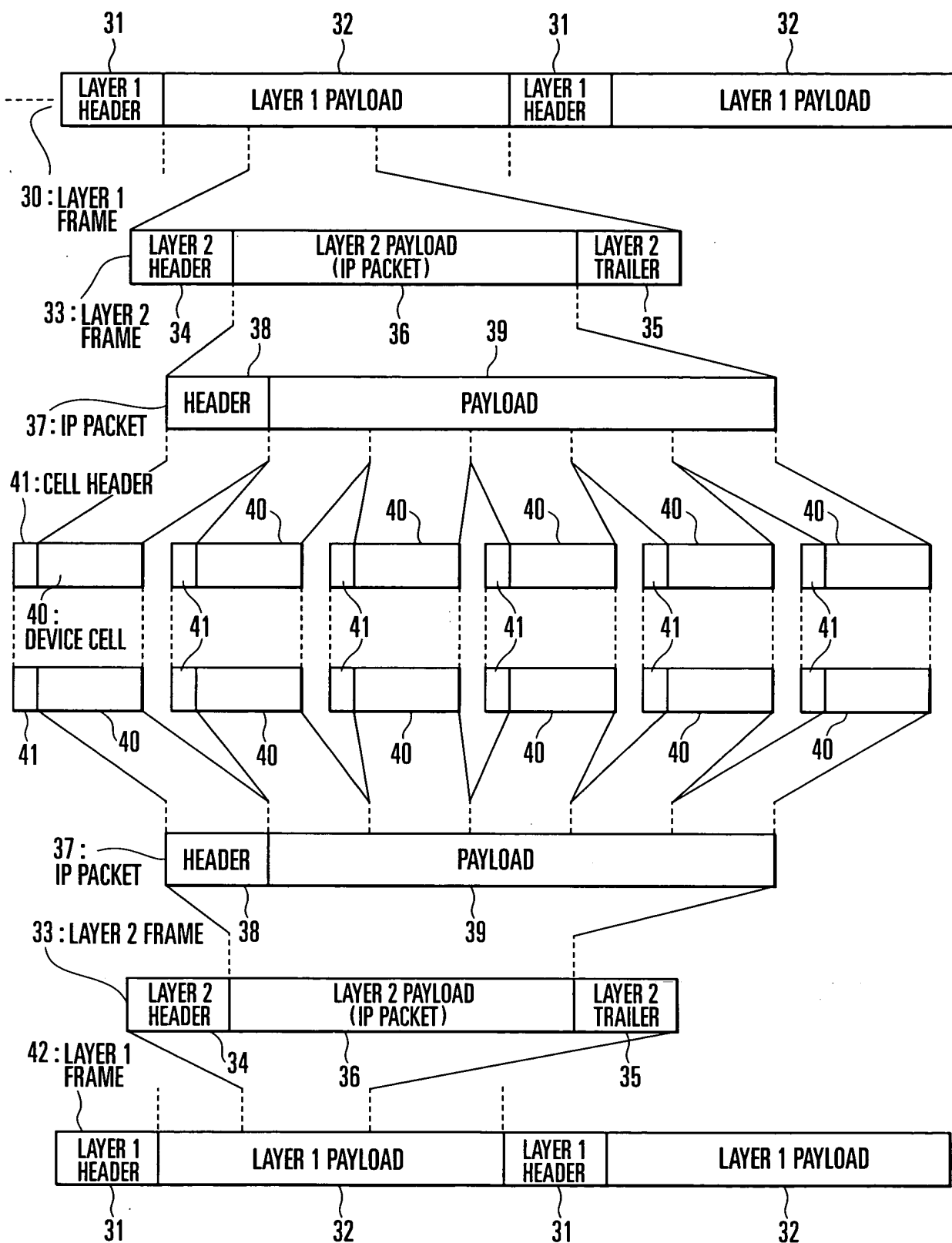


FIG. 17
PRIOR ART

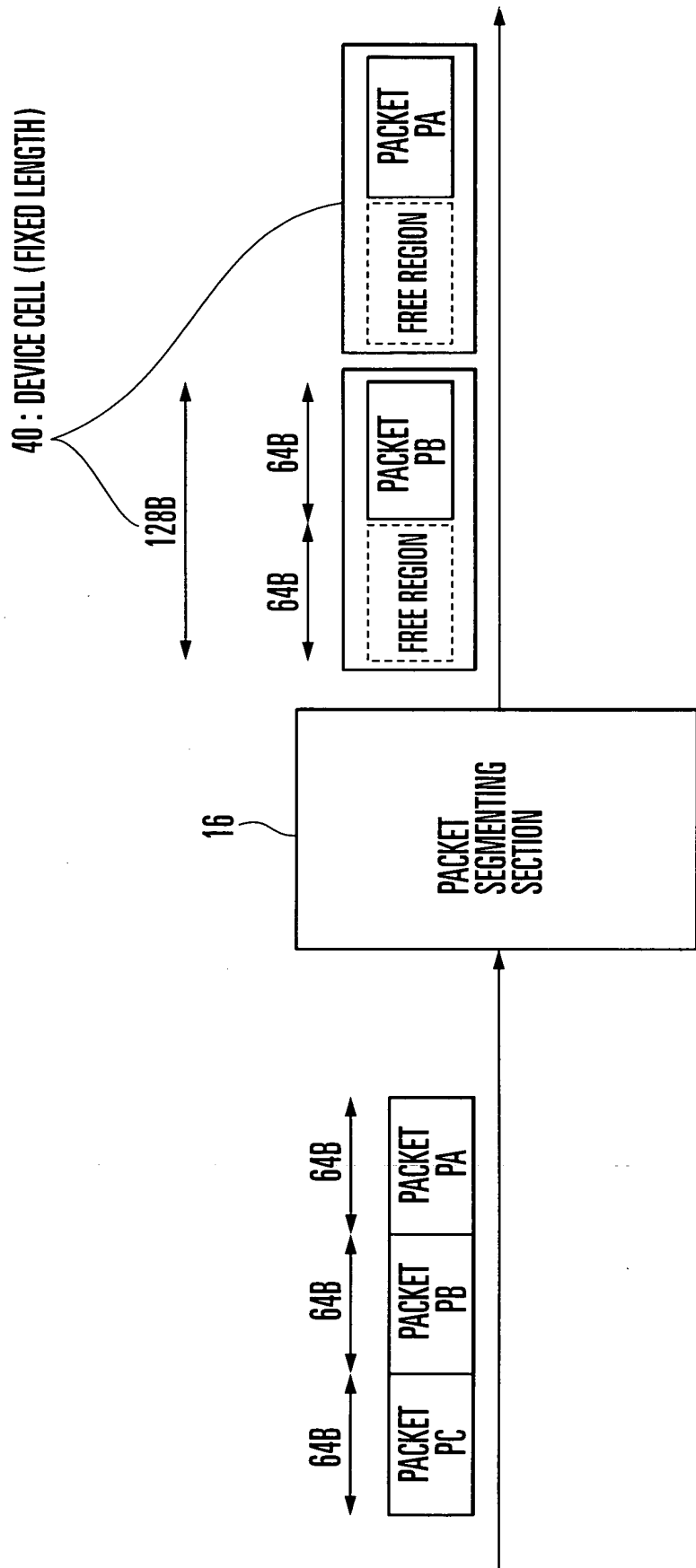


FIG. 18
PRIOR ART

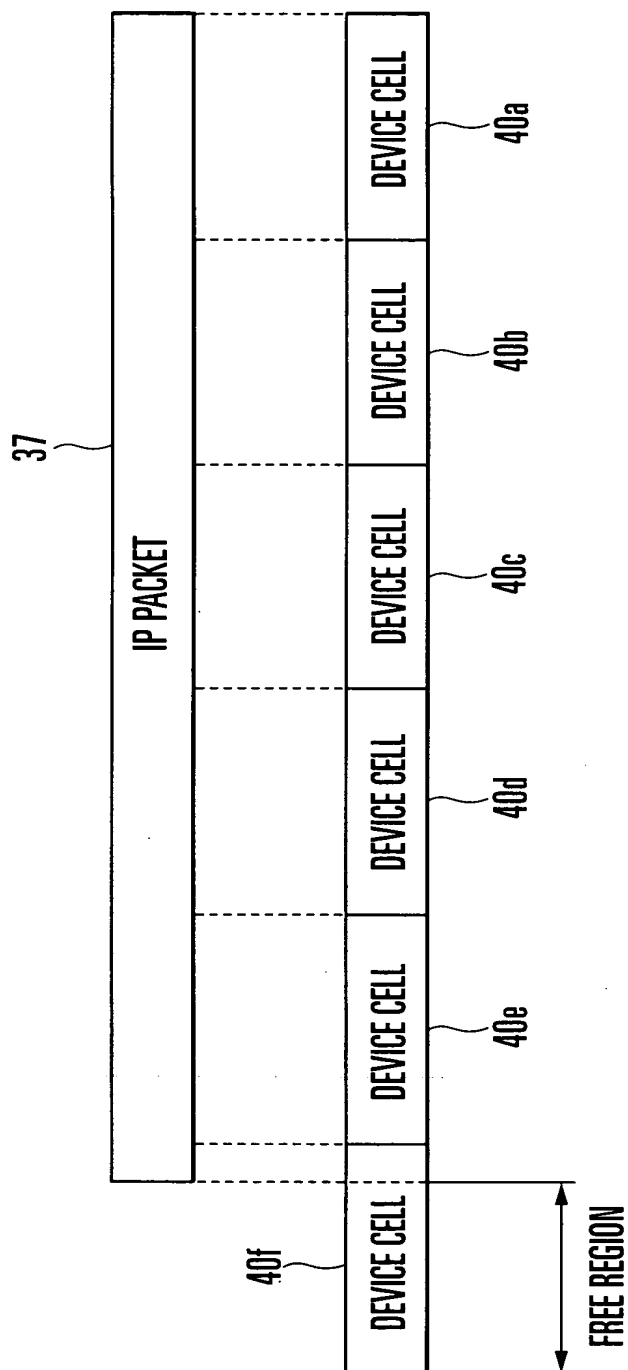
[illegible]

FIG. 19
PRIOR ART